

V.S.B. ENGINEERING COLLEGE, KARUR
Department of Civil Engineering
Academic Year: 2018-2019 (EVEN Semester)

Video Link

Class / Semester: II year / IV Semester B.E. – Civil Engineering

Name of Subject: Numerical Methods

Name of Faculty member: Mr.N.Ilavarasan

Sl.No	Description	Video link
1	Newton Raphson method	https://www.youtube.com/watch?v=rCoABot_tIE
2	Taylor's series	https://www.youtube.com/watch?v=3d6DsjIBzJ4
3	Gauss sidel law	https://www.youtube.com/watch?v=ajJD0Df5CsY
4	Gauss Lagrange's method	https://www.youtube.com/watch?v=I7fgDc-_L1k
5	Ranga Gutta Method	https://www.youtube.com/watch?v=b-OSyxOpxKc

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Name of Subject: Construction Techniques, Equipments and Practices
Name of Faculty member: Mr.D.Dineshkumar

Sl.No	Description	Video link
1	Construction practices	https://www.youtube.com/watch?v=j04CtMzo_0Y
2	Equipments employed in sub structure	https://esub.com/improve-construction-site-safety/
3	Equipments employed in super structure	http://www.cdrecycler.com/article/top-five-safety-precautions-demolition/
4	Different types of construction equipments	https://www.forconstructionpros.com/equipment/article/21001205/equipment-todays-top-25-construction-equipment-videos
5	Latest trends in construction field	https://www.youtube.com/watch?v=o31XRvu9Vdo

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Name of Subject: Strength of Materials II
Name of Faculty member: Mr.K.Rajkumar

Sl.No	Description	Video link
1	Applications of castlingos theorem	https://www.youtube.com/watch?v=ZueyKU9VYco
2	Types of indeterminate structures	https://www.youtube.com/watch?v=RXMUa6v2uLs
3	Buckling load for different column end condition	https://www.youtube.com/watch?v=F8rC9g8Z1AU
4	Principal plane and stresses	https://www.youtube.com/watch?v=C207JS-HM4Q
5	Types of unsymmetrical sections	https://www.google.com/search?ei=zWFyXK7LNNH89QOmi7-QCg&q=videos+for+Types+of+unsymmetrical+sections&oq=videos+for+Types+of+unsymmetrical+sections&gs_l=psy-

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Name of Subject: Applied Hydraulic Engineering

Name of Faculty member: Mr. R.Gowrishankar

Sl.No	Description	Video link
1	Uniform flow	https://www.youtube.com/watch?v=yxWcLv19Brc
2	Varied flow	https://www.youtube.com/watch?v=aF2JruZYnZ4
3	Hydraulic jumps	https://www.youtube.com/watch?v=5etwhZ0d2GU
4	Turbines	https://www.youtube.com/watch?v=SPg7hOxFtI
5	Pumps	https://www.youtube.com/watch?v=BaEHVpKc-1Q

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Name of Subject: Soil Mechanics

Name of Faculty member: Ms.M.Aarthi

S.No	Description	Details of link
1.	Soil Classification	https://nptel.ac.in/courses/105103097/9
2	Tests of Soil Compaction	https://nptel.ac.in/courses/105101084/11
3	Coefficient of permeability	https://nptel.ac.in/courses/105104132/Module2/lecture5.pdf
4	Applications of newmark influence chart	https://nptel.ac.in/courses/105105168/24
5	Friction circle Method	https://nptel.ac.in/courses/Webcourse-contents/IIT%20Bombay/Foundation_Engineering/Course_home7.2.html

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Name of Subject: Concrete Technology

Name of Faculty member: Mr.E.Sivasubramanian

Sl.No	Description	Video link
1	Production and Composition	https://www.youtube.com/watch?v=cx5gPKp9QE&list=PLbMVogVj5nJQU7M0LdA77p_XaaWBJniNc
2	Admixtures of concrete	https://www.youtube.com/watch?v=2H8WOrQtews
3	Durability of concrete	https://www.youtube.com/watch?v=2Q7-o0HZTOE
4	Advancement in concrete technology	https://www.youtube.com/watch?v=SdWh05agJtg
5	Building materials and construction	https://www.youtube.com/watch?v=EIDXE28_8eQ&list=PL8BA090E69BF01BC2